

WHAT IS CLAIMED IS:

1. A coextruded, heat-sealable film structure, comprising:
- (a) a core layer comprising a polymeric matrix comprising a thermoplastic polymer, the core layer having a first side and a second side;
- (b) a functional layer on the first side of the core layer, wherein the functional layer is a laminating layer, a printable layer, a laminating and a printable layer, or a sealable layer; and
- (c) a heat-sealable layer on the second side of the core layer comprising (i) a polymeric matrix comprising a thermoplastic polymer and (ii) an amount of a slip system, based upon the entire weight of the heat-sealable layer, sufficient to reduce the coefficient of friction and improve slip performance of the film structure, wherein the slip system comprises silicone gum and at least one antiblocking agent.
2. The coextruded, heat-sealable film structure of claim 1, wherein the core layer has a polymeric matrix selected from the group consisting of a propylene homopolymer, a propylene copolymer, and a high density polyethylene.
3. The coextruded, heat-sealable film structure of claim 1, wherein the antiblocking agent is a particulate antiblocking agent having an average particle size of from about 1 to about 5 μm .
4. The coextruded, heat-sealable film structure of claim 1, wherein the silicone gum has a viscosity in the range of 10 to 20 million centistokes.
5. The coextruded, heat-sealable film structure of claim 1, wherein the amount of the silicone gum ranges from about 0.2 to about 2 weight percent based on the entire weight of the heat-sealable layer and

the amount of the antiblocking agent ranges from about 0.05 to about 0.5 weight percent based on the entire weight of the heat-sealable layer.

5 6. The coextruded, heat-sealable film structure of claim 1, wherein the core layer further comprises an additive selected from the group consisting of a natural hydrocarbon additive, a synthetic hydrocarbon additive, a cavitating agent, an antistatic agent, and mixtures thereof.

7. The coextruded, heat-sealable film structure of claim 1, wherein the functional layer further comprises antiblock additives.

10 8. The coextruded, heat-sealable film structure of claim 1, wherein the surface of the functional layer is flame treated or corona treated and the surface of the heat-sealable layer is untreated.

15 9. The coextruded, heat-sealable film structure of claim 1, wherein the heat-sealable layer has a polymeric matrix selected from the group consisting of an ethylene-propylene random copolymer, a propylene-butylene random copolymer, an ethylene-propylene-butylene terpolymer, a linear low density polyethylene, a low density polyethylene, a metallocene-catalyzed polyethylene, an ethylene vinyl acetate, an ethylene-methyl acrylate, an ionomer, and blends thereof and the
20 functional layer has a polymeric matrix selected from the group consisting of a propylene polymer, an ethylene-propylene block copolymer, a high density polyethylene, an ethylene vinyl alcohol copolymer, an ethylene-propylene random copolymer, a propylene-butylene copolymer, an ethylene-propylene-butylene terpolymer, a medium density polyethylene, a
25 linear low density polyethylene, an ethylene vinyl acetate, an ethylene-methyl acrylate, and blends thereof.

10. The coextruded, heat-sealable film structure of claim 1, wherein the core layer is from about 5 to about 50 μm thick, the functional

layer is from about 0.25 to about 3.0 μm thick, and the heat-sealable layer is from about 0.5 to about 7 μm thick.

11. The coextruded, heat-sealable film structure of claim 1,
wherein the core layer does not contain an antistatic agent and a fatty acid
amide slip additive.

12. A laminate film structure, comprising a first film laminated to a second film, wherein said first film has the coextruded, heat-sealable film structure of claim 1.

13. A laminate film structure, comprising a first film laminated to
a second film, wherein both said first and second film have the coextruded,
heat-sealable film structure of claim 1.

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